

## Electronic Acknowledgement Receipt

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| <b>Application Number:</b>                  | 10686829                                                                                   |
| <b>International Application Number:</b>    |                                                                                            |
| <b>Confirmation Number:</b>                 | 8473                                                                                       |
| <b>Title of Invention:</b>                  | Method and apparatus for channel amplitude estimation and interference vector construction |
| <b>First Named Inventor/Applicant Name:</b> | Anand P. Narayan                                                                           |
| <b>Customer Number:</b>                     | 39258                                                                                      |
| <b>Filer:</b>                               | Anand P. Narayan                                                                           |
| <b>Filer Authorized By:</b>                 |                                                                                            |
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| <b>Application Type:</b>                    | Utility under 35 USC 111(a)                                                                |

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| Document Description                                |  | Start | End |
| Amendment - After Non-Final Rejection               |  | 1     | 1   |
| Specification                                       |  | 2     | 2   |
| Claims                                              |  | 3     | 20  |
| Applicant Arguments/Remarks Made in an Amendment    |  | 21    | 23  |

**Warnings:**

**Information:**

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.